

=====

Sequence Listing was accepted.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2009; month=11; day=16; hr=15; min=3; sec=6; ms=761; ]

=====

Application No: 10589557 Version No: 1.0

**Input Set:**

**Output Set:**

**Started:** 2009-11-02 19:37:19.827  
**Finished:** 2009-11-02 19:37:25.924  
**Elapsed:** 0 hr(s) 0 min(s) 6 sec(s) 97 ms  
**Total Warnings:** 6  
**Total Errors:** 44  
**No. of SeqIDs Defined:** 6  
**Actual SeqID Count:** 6

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
E 257	Invalid sequence data feature in <221> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
E 257	Invalid sequence data feature in <221> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)

**Input Set:**

**Output Set:**

**Started:** 2009-11-02 19:37:19.827  
**Finished:** 2009-11-02 19:37:25.924  
**Elapsed:** 0 hr(s) 0 min(s) 6 sec(s) 97 ms  
**Total Warnings:** 6  
**Total Errors:** 44  
**No. of SeqIDs Defined:** 6  
**Actual SeqID Count:** 6

Error code	Error Description
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3)
E 257	Invalid sequence data feature in <221> in SEQ ID (3) This error has occurred more than 20 times, will not be displayed
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)

## SEQUENCE LISTING

<110> Techno Network Shikoku, Co. Ltd.  
<120> Polypeptide Having Collagen-like Structure  
<130> PTN-9001WO

<140> 10589557  
<141> 2009-11-02  
<150> JP 2004-38612  
<151> 2004-02-16  
<160> 6  
<170> PatentIn version 3.1  
<210> 1  
<211> 24  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> peptide unit of triplex-forming polypeptide  
<220>  
<221> MOD\_RES  
<222> 3  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 6  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 9  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 12  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 15  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 18  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 21  
<223> 4Hyp  
<400> 1  
Gly Pro Xaa Gly Pro Xaa Gly Pro Xaa Gly Pro Xaa Gly  
1 5 10 15  
Pro Xaa Gly Pro Xaa Gly Pro Cys  
20  
<210> 2  
<211> 24  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> peptide unit of triplex-forming polypeptide  
<220>

```
<221> MOD_RES
<222> 1
<223> 4Hyp
<220>
<221> MOD_RES
<222> 4
<223> 4Hyp
<220>
<221> MOD_RES
<222> 7
<223> 4Hyp
<220>
<221> MOD_RES
<222> 10
<223> 4Hyp
<220>
<221> MOD_RES
<222> 16
<223> 4Hyp
<220>
<221> MOD_RES
<222> 19
<223> 4Hyp
<220>
<221> MOD_RES
<222> 22
<223> 4Hyp
<400> 2
Xaa Gly Pro Xaa Gly Pro Xaa Gly Pro Xaa Gly Cys Cys Gly Pro Xaa
1 5 10 15
Gly Pro Xaa Gly Pro Xaa Gly Pro
20
<210> 3
<211> 24
<212> PRT
<213> Artificial Sequence
<220>
<223> peptide unit of triplex-forming polypeptide
<220>
<221> MOD_RES
<222> 2
<223> 4Hyp
<220>
<221> MOD_RES
<222> 5
<223> 4Hyp
<220>
<221> MOD_RES
<222> 8
<223> 4Hyp
<220>
<221> MOD_RES
<222> 11
<223> 4Hyp
<220>
<221> MOD_RES
<222> 14
```

<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 17  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 20  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 23  
<223> 4Hyp  
<400> 3

Cys Xaa Gly Pro  
1 5 10 15

Xaa Gly Pro Xaa Gly Pro Xaa Gly  
20

<210> 4  
<211> 24  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> peptide unit of triplex-forming polypeptide  
<220>  
<221> MOD\_RES  
<222> 1  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 4  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 7  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 10  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 13  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 16  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 22  
<223> 4Hyp  
<400> 4

Xaa Gly Pro Xaa  
1 5 10 15

Gly Pro Cys Gly Pro Xaa Gly Pro  
20

<210> 5  
<211> 24  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> peptide unit of triplex-forming polypeptide  
<220>  
<221> MOD\_RES  
<222> 1  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 4  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 7  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 10  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 13  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 16  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 22  
<223> 4Hyp  
<400> 5

Xaa Gly Pro Xaa Gly Cys Xaa Gly Pro Xaa Gly Pro Xaa Gly Pro Xaa  
1 5 10 15

Gly Pro Cys Gly Pro Xaa Gly Pro  
20

<210> 6  
<211> 24  
<212> PRT  
<213> Artificial Sequence  
<220>  
<223> peptide unit of triplex-forming polypeptide  
<220>  
<221> MOD\_RES  
<222> 1  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 4  
<223> 4Hyp  
<220>  
<221> MOD\_RES  
<222> 7  
<223> 4Hyp

```
<220>
<221> MOD_RES
<222> 10
<223> 4Hyp
<220>
<221> MOD_RES
<222> 13
<223> 4Hyp
<220>
<221> MOD_RES
<222> 16
<223> 4Hyp
<220>
<221> MOD_RES
<222> 19
<223> 4Hyp
<220>
<221> MOD_RES
<222> 22
<223> 4Hyp
<400> 6
Xaa Gly Pro Xaa Gly Cys Xaa Gly Pro Xaa Gly Pro Xaa Gly Pro Xaa
1           5           10          15
Gly Pro Xaa Gly Pro Xaa Gly Pro
           20
```